

The Science of Biology

Sr	Questions	Answers Choice
1	In biological method the next step of hypothesis is called.	A. Result B. Experiment C. Observation D. Deduction
2	Number of steps of biological method are.	A. Seven B. Six C. Two D. Eight
3	You are doing a control experiment which	A. Proceeds slowly enough that a scientist can record the results B. May include experimental groups and control groups tested in parallel C. Is repeated many times to make sure the results are accurate D. Proceed slowly enough that a scientist can test predictions
4	The branch deals with the study of the interrelationship of organisms and their environment is called.	A. Environmental Biology B. Biotechnology C. Molecular biology D. Entomology
5	The other name of environmental biology is	A. Ecology B. Biotechnology C. Microbiology D. Cell biology
6	The starting point of scientific investigation is.	A. Hypothesis B. Data C. Theory D. Observation
7	A well-substantiated explanation of hypothesis is called	A. Theory B. Deduction C. Observation D. Experimentation
8	The branch deals with the study of form and structure of living organisms is called	A. Morphology B. Genetics C. Physiology D. Cell biology
9	Biology is a word of which language	A. Greek B. Latin C. Arabic D. English
10	What is the study of diseases and their causes called.	A. Pharmacology B. Pathology C. Anatomy D. Physiology
11	The branch which deals with the study of cell division is called.	A. Physiology B. Histology C. Cell biology D. Entomology
12	The study of functions of various organs of an organism is.	A. Morphology B. Physiology C. Histology D. Anatomy
13	Which of the following best describes the field of biotechnology.	A. Use of biological processes to develop technologies B. Study of diseases C. Study of marine life D. Management of forest resources
14	The study of the processes of heredity and variation in living organisms is known as.	A. Genetics B. Ecology C. Anatomy D. Proteomics

15	What does the field of forensic science involve.	A. Garden management B. Drug development C. Livestock management D. Examination of evidence from crime scenes
16	The study of plants is called	A. Botany B. Biology C. Zoology D. Microbiology
17	People who slept near smoky fire had less chance to suffer from malaria. Why?	A. Smoke kills plasmodium in their blood B. Fire increases temperature and plasmodium are killed in air C. Mosquitoes cannot tolerate smoke and are repelled D. Smoke kills plasmodium present in mosquitoes
18	Which of the following best describes the logic of the scientific process.	A. If I generate a testable hypothesis tests and observations will support it B. If my observations are accurate they will support my hypothesis C. If my hypothesis is correct, I can expect certain test result D. If my prediction is correct it will lead to a testable hypothesis.
19	The study of occurrence and distribution of different species of living organisms in different geographical regions of the world is called.	A. Biogeography B. Histology C. Microbiology D. Parasitology
20	Match anatomy with one of the following	A. Physiology B. Genetics C. Morphology D. Embryology
